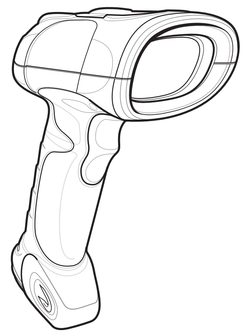
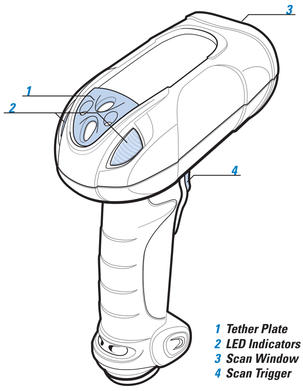
SYMBOL LS/DS3408
Quick Start Guide

http://www.symbol.com/ls3408
http://www.symbol.com/ds3408

See Product Reference Guide for more information

POST IN WORK AREA

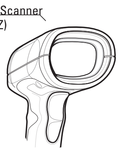




1 Tether Plate
2 LED Indicators
3 Scan Window
4 Scan Trigger

Variants

Laser Scanner (ER, FZ)

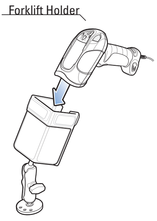


Digital Scanner (DS)

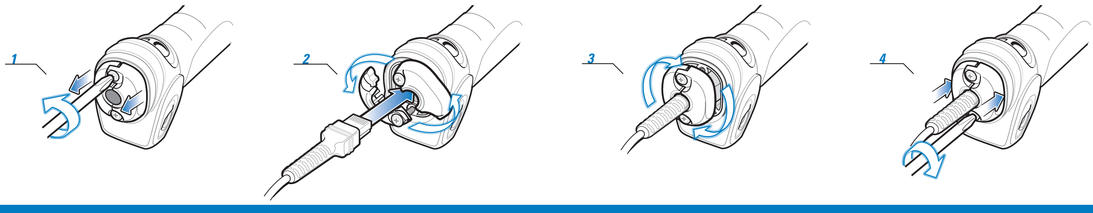
Accessories

IntelliStand

Forklift Holder



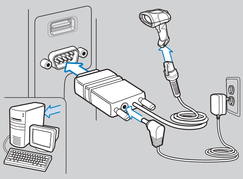
CORD ATTACHMENT



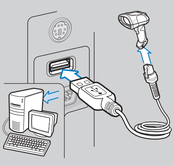
HOST INTERFACES

NOTE: Cables may vary depending on configuration

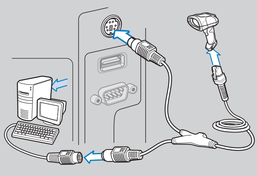
RS-232



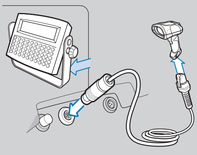
USB



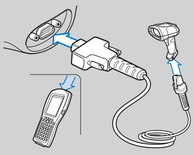
Keyboard Wedge



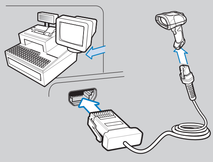
Scanner Emulation



Wand Emulation



IBM 46XX



TROUBLESHOOTING

Scanner not working

No power to scanner
Check system power; ensure power supply, if required, is connected

Incorrect interface cable used
Ensure that correct interface cable is used

Interface/power cables are loose
Check for loose cable connections

Scanner not decoding bar code

Scanner not programmed for bar code type
Ensure scanner is programmed to read type of bar code being scanned

Bar code unreadable
Ensure bar code is not defaced; try scanning test bar code of same bar code type

Distance between scanner and bar code incorrect
Move scanner closer to or further from bar code

Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface
Check scanner host parameters or edit options

Interface cable is loose
Check for loose cable connections

Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface
Check scanner host parameters or edit options

SYMBOL LS/DS3408 PROGRAMMING BAR CODES

Set Defaults

SET DEFAULTS

IBM 46XX Host Types

PORT 5B

Wand Emulation Host Types

SYMBOL WAND

USB Host Types

HID KEYBOARD EMULATION

PORT 9B

ENABLE CONVERT TO CODE 39

IBM HAND-HELD USB

Keyboard Wedge Host Types

IBM PC/AT and IBM PC COMPATIBLE

DISABLE CONVERT TO CODE 39

RS-232 Host Types

STANDARD RS-232

NIXDORF RS-232 MODE B

Carriage Return/Line Feed

SCAN OPTIONS

ICL RS-232

FUJITSU RS-232

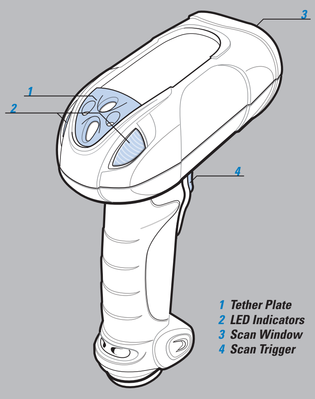
<DATA><SUFFIX>

NIXDORF RS-232 MODE A

OPOS/JPOS

ENTER

OPTIMUM SCANNING POSITIONS



1 Tether Plate
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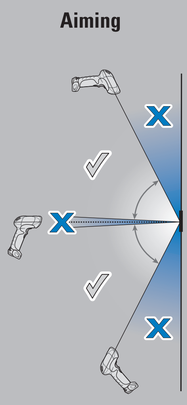
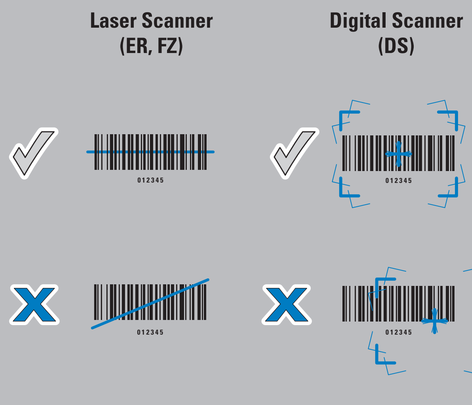
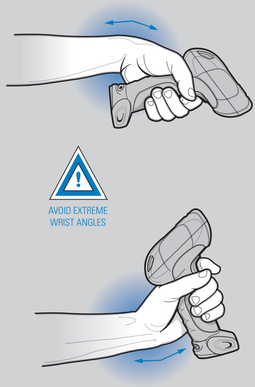




ALTERNATE LEFT AND RIGHT HANDS
TAKING BREAKS AND TASK ROTATION RECOMMENDED

OPTIMUM UPRIGHT BODY POSTURE

AVOID EXTREME WRIST ANGLES



BEEPER INDICATIONS

Standard Use

Low/medium/high beep	*Short high beep*	*4 long low beeps*
Power up	Bar code decoded [if decode beeper enabled]	Transmission error detected; data is ignored

Parameter Menu Scanning

High/low/high/low beep	*High/low beep*	*Low/high beep*
Successful parameter setting	Correct programming sequence performed	Incorrect programming sequence or Cancel bar code scanned

LED Indications

Off	*Green*	*Red*
Scanner is on and ready to scan, or no power to scanner	Bar code is successfully decoded	Transmission error

OPTIMUM BODY POSTURE

Optimum Body Posture for Low Scanning

POST IN WORK AREA

Optimum Body Posture for Extended Range Scanning

Local Contact:_____

SYMBOL LS/DS3408

Recommended Usage Guide

REGULATORY INFORMATION

© 2007 MOTOROLA, INC. All rights reserved..

Motorola reserves the right to make changes to any product to improve reliability, function, or design. Motorola does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein.

No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Motorola products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Motorola products. MOTOROLA, the Stylized M Logo and Symbol and the Symbol logo are registered trademarks of Motorola, Inc. Other product names mentioned in this manual may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.

Warranty

For the complete Motorola hardware product warranty statement, go to: http://www.symbol.com/warranty.

Patents

This product is covered by one or more patents. For patent information go to: http://www.symbol.com/patents.

Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Motorola Enterprise Mobility Support at:
http://www.symbol.com/contactsupport.
For the latest version of this guide go to: http://www.symbol.com/manuals.

Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: http://www.symbol.com/environmental_compliance.

Bulgarski: За клиенти от ЕС: Спад.ерал.ни продукти ев.акват.вслед.ващия.живот.цикъл трябва да се връщат на Motorola за рециклиране. За информация относно процедурите на връщане, моля отидете на адрес: http://www.symbol.com/weee#uk.

Čeština: Pro zákazníky z EU: Všechny produkty je nutné po ukončení jejich životnosti vrátit společnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.symbol.com/environmental_compliance.

Dansk: Til kunder i EU: Alle produkter skal returneres til Motorola til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.symbol.com/environmental_compliance.

Deutsch: EU-Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.symbol.com/environmental_compliance.

Ελληνικά: Για πελάτες εντός ΕΕ: Όλα τα προϊόντα στο τέλος της ωφέλιμης διάρκειας ζωής τους πρέπει να επιστρέφονται στη Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση: http://www.symbol.com/environmental_compliance στο Διαδίκτυο.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorolile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.symbol.com/environmental_compliance.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: http://www.symbol.com/environmental_compliance.

Français : Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : http://www.symbol.com/environmental_compliance.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.symbol.com/environmental_compliance.

Latviski: ES klientiem: visi produkti pec to kalpošanas mūža beigām ir jānogāda atpakaļ Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.symbol.com/environmental_compliance.

Lietuvių: ES vartotojams: visa gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti viliosuoti į kompaniją „Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.symbol.com/environmental_compliance.

Magyar: Az EU-ban vásárlóknak: Minden élettartamot terméket a Motorola vállalatnyo kell eljuttatni újrahasználás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.symbol.com/environmental_compliance weboldalra.

Malti: Għal klijenti fl-UE: Ikronoloġiti kollha li jkunu waslu fl-aħħar tal-ħajja ta' dawn l-istrutturi, irid jiġu mtennija għand Motorola għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek timtenna l-prodott, ara jogħġbok tur: http://www.symbol.com/environmental_compliance.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg http://www.symbol.com/environmental_compliance voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Motorola w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.symbol.com/environmental_compliance.

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.symbol.com/environmental_compliance.

Română: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Motorola pentru reciclare. Pentru informații despre returnarea produselor, accesați: http://www.symbol.com/weee#uk.

Slovenčina: Pre zákazníkov z krajín EÚ: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.symbol.com/environmental_compliance.

Slovenšči: Za kupce v EU: vse izdelke se morajo po poteku življenjske dobe vrniti podjetju Motorola za recikliranje. Za informacije o vračilu izdelka obiščite: http://www.symbol.com/environmental_compliance.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiölle, kun tuotteita ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa http://www.symbol.com/environmental_compliance.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på http://www.symbol.com/environmental_compliance.

Ergonomic Recommendations

Caution: In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

Regulatory Information

Symbol Technologies, Inc., the Enterprise Mobility business of Motorola, Inc. ("Motorola"). All Symbol devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Any changes or modifications to Symbol Technologies equipment, not expressly approved by Symbol Technologies, could void the user's authority to operate the equipment.

Radio Frequency Interference Requirements

Tested to comply with FCC Standards
FOR HOME OR OFFICE USE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency Interference Requirements – Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Marking and European Economic Area (EEA)

CE

Statement of Compliance

Symbol Technologies, Inc., hereby declares that this device is in compliance with all the applicable Directives, 89/336/EEC, 73/23/EEC. A Declaration of Conformity may be obtained from http://www2.symbol.com/doc

Laser Labels

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:

ENGLISH
CLASS 1 CLASS 1 LASER PRODUCT
CLASS 2 LASER LIGHT
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT

DANISH / DANSK
KLASSE 1 KLASSE 1 LASERPRODUKT
KLASSE 2 LASERLYF
SE IKKE IND I STRÅLEN
KLASSE 2 LASERPRODUKT

DUTCH / NEDERLANDS
KLASSE 1 KLASSE-1 LASERPRODUKT
KLASSE 2 LASERLICHT
NIET IN STRAAL STAREN
KLASSE-2 LASERPRODUKT

FINNISH / SUOMI
LUOKKA 1 LUOKKA 1 LASERTUOTE
LUOKKA 2 LASERVALO
ÄLÄ TUIJOTA SÄDETTÄ
LUOKKA 2 LASERTUOTE

FRENCH / FRANÇAIS
CLASSE 1 PRODUIT LASER DE CLASSE 1
CLASSE 2 LUMIERE LASER
NE PAS REGARDER LE RAYON FIXEMENT
PRODUIT LASER DE CLASSE 2

GERMAN / DEUTCH
KLASSE 1 LASERPRODUKT DER KLASSE 1
KLASSE 2 LASERSTRAHLEN
NICHT DIREKT IN DEN LASERSTRAHL SCHAUEN
LASERPRODUKT DER KLASSE 2

JAPANESE / 日本語
第1種 第1種レーザー製品
第2種 レーザー光線
光線を見つめないでください
2種 レーザー製品

HEBREW
1 רמה מוצר ליזור רמה 1
2 רמה אור ליזור
אין להביט אל תוך הזרוס
מוצר ליזור 2 רמה

ITALIAN / ITALIANO
CLASSE 1 PRODOTTO AL LASER DI CLASSE 1
CLASSE 2 LUCE LASER
NON FISSARE IL RAGGIO PRODOTTO AL LASER DI CLASSE 2

NORWEGIAN / NORSK
KLASSE 1 LASERPRODUKT, KLASSE 1
KLASSE 2 LASERLYS IKKE STIRR INN ILYSSTRÅLEN LASERPRODUKT, KLASSE 2

PORTUGUESE / PORTUGUÊS
CLASSE 1 PRODUTO LASER DA CLASSE 1
CLASSE 2 LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO PRODUTO LASER DA CLASSE 2

SPANISH / ESPAÑOL
CLASE 1 PRODUCTO LASER DE LA CLASE 1
CLASE 2 LUZ LASER
NO MIRE FIJAMENTE EL HAZ
PRODUCTO LASER DE LA CLASE 2

SWEDISH / SVENSKA
KLASS 1 LASERPRODUKT KLASS 1
KLASS 2 LASERLJUS STIRRA INTE MOT STRÅLEN LASERPRODUKT KLASS 2

CHINESE / 简体中文
1 类 1 类激光产品
2 类 激光切勿注视光束
2 类激光产品

KOREAN / 한국어
1등급 1등급 레이저 제품
2등급 레이저 광선
이 광선을 주시하지 마십시오.
2등급 레이저 광선

Laser Devices

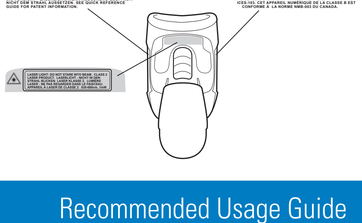
Symbol products using lasers comply with US 21CFR1040.10, and IEC825-1:1993, EN60825-1:1994+A11:1996. The laser classification is marked on one of the labels on the product.

Class 1 Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations:

Caution: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

Scanner Labeling


CAUTION – CLASS 2M LASER LIGHT WHEN OPEN. AVOID DIRECT EYE EXPOSURE. LUMIERE LASER DE CLASSE 2M. PRODUIT DE CLASSE 2M. EXPOSITION DANGEREUSE AU FAISCEAU. CLASSE 2M LASERPRODUKT. UNDGÅ DIREKTE EKSPONERING AF ØJNENE. SCAN CODE STRAND. ASSISTANCE. SEE QUICK REFERENCE GUIDE FOR PATIENT INFORMATION.
COMPLIES WITH 21CFR1040.10 AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE No. 50, DATED JULY 26, 2001. AND IEC 60825-1:1993 + A1:1997/EN60825-1:1994+A11:1996/IEC 60825-1:1994+A2:2001/EN60825-1:1994+A11:1996+A2:2001. CET APPAREIL NUMERIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA.

MOTOROLA
Motorola, Inc.
One Motorola Plaza Holtsville, New York 11742-1300, USA

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72-67131-02 Rev B October 2007

http://www.symbol.com/ls3408
http://www.symbol.com/ds3408

SYMBOL LS/DS3408

Recommended Usage Guide